1	L Number	Hits	Search Text	DB	Time stamp
EPO, JPO, OERWENT USPAT; USPAT; USPAT; USPAGE PO, JPO, DERWENT USPAT; USPAGE PO, JPO, DERWENT USPAGE				USPAT;	2002/09/30 16:26
2 2 3,929,542 pn. DERWENT US-PGPUB; PO, JPO, DERWENT US-PGPU			1		
2 3,929,542 pn. 2 3,929,542 pn. 4 cprolactam 4 cprolactam 4 cprolactam 4 cprolactam 5 2528 5 2528 6 1 caprolactam with nyton 5 2528 6 1 crimp same helical same (nap or napped) 7 2 crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - 2467 - 2487 - 428/85,91,340,362,369,442/352,356,357,358,359,360.ccls. - 2487 - 2487 - 428/85,91,340,362,369,442/352,356,357,358,359,360.ccls. - 2487 - 428/85,91,340,362,369,442/352,356,357,358,359,360.ccls. - 2487 - 2					
US-PGPUB; PO, IPO, DERWENT USPAT, US-PGPUB; PO, IPO, IPO, DERWENT US-PGPUB; PO, IPO, IPO, IPO, IPO, IPO, IPO, IPO,					
2528 caprolactam Caprola	2	2	3,929,542.pn.		2002/09/30 16:36
3					
3					
Section Sect					
September Sept	3	4	cprolactam		2002/09/30 16:37
DERWENT USPAT; USPAGPUB; EPC; JPC; DERWENT USPAGPUB; EPC; JPC; DERWENT USPAT; USPAGPUB; EPC; JPC; DERWENT USPAGP					
2528 caprolactam with nylon USPAT: US-PGFUB; EPO; UPO; DERWENT US-PAT; US-PGFUB; EPO; UPO; DERWENT					
1	5	2528	caprolactam with nylon	i .	2002/09/30 16:47
Crimp same helical same (nap or napped) EPO_UPO_DERWENT USPAT; US-PGPUB; EPO_UPO_DERWENT USPAT; USPAGPUB; EPO_UPO_DERWENT USPAGPUB; EPO_UPO_DERWENT USPAGPUB; EPO_UPO_DERWENT USPAGPUB; EPO_UPO_DERWENT USPAGPUB; EPO_UPO_DERWENT USPAGPUB; EPO_UPO_DERWENT USPAGPUB		2020			2002/00/00 10:4/
1				,	
1					
7 2 crimp same (helical or three-dimensional) same (nap or napped) - 603 grammage - 2467 428/85,91,340,362,369,442/352,356,357,358,359,360.ccls. - 2467 428/85,91,340,362,369,442/352,356,357,358,359,360.ccls. - 12 442/358.ccls. - 12 442/358.ccls. - 2 4514455.pn. - 68998 crimp or crimped - 414546 (three-dimension or three adj dimensional) or pneumatic (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven or unwoven or unwoven) - 109978 nonwoven or polyamide - 361726 nylon or polyamide - 361726 nylon or polyamide - 2002/09/30 14:57 (U.SPGPUB; EPO; J.PO; DERWENT U.SPGPUB; EPO; J.PO; DERWENT U.SPG	6	1	crimp same helical same (nap or napped)		2002/09/30 16:48
7 2 crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (nap or napped) - crimp or crimped - crim					
7 2 crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (helical or three-dimensional) same (nap or napped) - crimp same (nap or napped) - crimp or crimped - crim				EPO; JPO;	
Napped US-PGPUB; EPO; JPO; DERWENT USPAT; US-PG					
- 603 grammage	7	2	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		2002/09/30 16:48
- 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. - 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. - 12 442/358.ccls. - 12 442/358.ccls. - 2 4514455.pn. - 68998 crimp or crimped - 68998 crimp or crimped - 141546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 361726 nylon or polyamide - 361726 nylon or polyamide DERWENT USPAT; USPGPUB; EPO, JPO; DERWENT USPAT; USP-GPUB; EPO; JPO; DERWENT USP-GPUB; EPO; JPO; DERWENT USPAT; USP-GPUB; EPO; JPO; DERWENT			napped)		
- 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. USPAT; US-PGPUB; EPO, JPO; DERWENT US-PGPUB; EPO, JPO; DERWENT USPAT; US-PGPUB; EPO, JPO; DERWENT USPAT; US-PGPUB; EPO, JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DER			·		
- 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO, DERWENT USPAT; US-PGPUB; EPO; JPO; DER					0000/00/05 : : 55
- 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; J	-	603	grammage		2002/09/30 14:52
- 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. - 12 442/358.ccls. - 12 442/358.ccls. - 2 4514455.pn. - 2 4514455.pn. - 68998 crimp or crimped - 414546 (three-dimension or three adj dimensional) or pneumatic - 2 467 (three-dimension or three adj dimensional) or pneumatic - 109978 nonwoven or non-woven or unwoven - 109978 nonwoven or non-woven or unwoven or non-woven or unwoven or non-woven or unwoven or polyamide - 361726 nylon or polyamide - 242/358.ccls. 442/358.ccls. 4502/09/30 14:52 4502/09/30 14:57 4502/09/30 14:57 4414546 442/358.ccls. 4502/09/30 14:57 4414546 442/358.ccls. 4502/09/30 14:57 442/358.ccls. 4502/09/30 14:57 442/358.ccls. 4502/09/30 14:57 4414546 442/358.ccls. 4502/09/30 14:57 468998 4702/09/30 14:57 470					
- 2467 428/85,91,340,362,369;442/352,356,357,358,359,360.ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; J					
- 12 442/358.ccls. US-PGPUB; EPO; JPO; DERWENT US-PGPUB; E	_	2/67	428/85 01 340 362 360·442/352 356 357 359 350 360 and		2002/00/30 14-52
- 12 442/358.ccls. EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PG	-	2401	420/00,91,040,002,009,442/002,000,007,000,009,000.008.		2002/09/30 14.32
- 12 442/358.ccls. - 2 4514455.pn. - 68998 crimp or crimped - 414546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 361726 nylon or polyamide - 361726 nylon or polyamide DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;					
- 2 4514455.pn. USPAT; US-PGPUB; EPO; JPO; DERWENT					
- 2 4514455.pn. US-PGPUB; EPO; JPO; DERWENT USPAT;	-	12	442/358.ccls.	1	2002/09/30 14:52
- 2 4514455.pn. EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB]				
- 414546 (three-dimension or three adj dimensional) or pneumatic USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO;					
- 68998 crimp or crimped					
- 414546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven) - 361726 nylon or polyamide EPO; JPO; DERWENT 2002/09/30 14:57 2002/0	-	2	4514455.pn.		2002/09/30 15:40
- 68998 crimp or crimped					
- 68998 crimp or crimped USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EP					
- 414546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven or non-woven or unwoven) - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven) - 361726 nylon or polyamide US-PGPUB; EPO; JPO; DERWENT US-PGP	<u> </u>	60006	orimp or orimpod		2002/00/20 44/55
- 414546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or non-woven or unwoven) - 361726 nylon or polyamide EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USP	-	00998	Chinp of Chinped		2002/09/30 14:55
- 414546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven or non-woven or unwoven or non-woven or unwoven or unwoven or non-woven or unwoven or unwoven or non-woven or unwoven) - 361726 nylon or polyamide DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO;					
- 414546 (three-dimension or three adj dimensional) or pneumatic - 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or non-woven or unwoven) - 361726 nylon or polyamide (three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven or unwoven) 2002/09/30 14:57 2002/09/30 14:57 2002/09/30 14:57					
- 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven) - 361726 nylon or polyamide US-PGPUB; EPO; JPO; DERWENT US-PGPUB; E	-	414546	(three-dimension or three adi dimensional) or pneumatic		2002/09/30 14:56
- 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or non-woven or non-w			The state of the s		
- 286 ((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped) - 109978 nonwoven or non-woven or unwoven - 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven or unwoven) - 361726 nylon or polyamide DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JP					
(crimp or crimped) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;					
- 109978 nonwoven or non-woven or unwoven 109978 nonwoven or non-woven or unwoven 109978 nonwoven or non-woven or unwoven 109978 nonwoven or non-woven or unwoven unwoven or unwoven or unwoven unwoven or unwoven or unwoven unwoven unwoven or unwoven or unwoven unwoven unwoven or unwoven unwoven unwoven or unwoven or unwoven unwov	-	286			2002/09/30 14:57
- 109978 nonwoven or non-woven or unwoven 109978 nonwoven or non-woven or unwoven 109978 nonwoven or non-woven or unwoven 109978 nonwoven or non-woven or unwoven unwoven or					
- 109978 nonwoven or non-woven or unwoven 10978 nonwoven or non-woven or unwoven 10978 uspat; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;					
- 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven) - 361726 nylon or polyamide US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;		400070			000010010011
- 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven) - 361726 nylon or polyamide EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	-	109978	nonwoven or non-woven or unwoven		2002/09/30 14:57
- 91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven) - 361726 nylon or polyamide 361726 DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;					
91 (((three-dimension or three adj dimensional) or pneumatic) adj (crimp or crimped)) and (nonwoven or non-woven or unwoven) 361726 nylon or polyamide 91 (((three-dimension or three adj dimensional) or pneumatic) USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO;					
adj (crimp or crimped)) and (nonwoven or non-woven or unwoven) - 361726 nylon or polyamide 361726 unwoven) 361726 nylon or polyamide US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;] _	91	(((three-dimension or three adi dimensional) or pneumatic)		2002/09/30 14:57
- 361726 nylon or polyamide EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;					230200000 17.07
- 361726 nylon or polyamide DERWENT USPAT; 2002/09/30 14:57 US-PGPUB; EPO; JPO;					
- 361726 nylon or polyamide USPAT; 2002/09/30 14:57 US-PGPUB; EPO; JPO;			,		
US-PGPUB; EPO; JPO;	-	361726	nylon or polyamide		2002/09/30 14:57
EPO; JPO;			, .		
				EPO; JPO;	
				DERWENT	

-	37	((((three-dimension or three adj dimensional) or pneumatic)	USPAT;	2002/09/30 15:28
		adj (crimp or crimped)) and (nonwoven or non-woven or	US-PGPUB;	
	-	unwoven)) and (nylon or polyamide)	EPO; JPO;	
			DERWENT	
-	292	428/371.ccls.	USPAT;	2002/09/30 15:28
			US-PGPUB;	
]]		EPO; JPO;	
1			DERWENT	
-	105	428/371.ccls. and (nylon or polyamide)	USPAT;	2002/09/30 16:23
			US-PGPUB;	
ŀ			EPO; JPO;	
	_		DERWENT	
-	3	(428/371.ccls. and (nylon or polyamide)) and (nap or napped)	USPAT;	2002/09/30 15:45
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
j -	8	(428/371.ccls. and (nylon or polyamide)) and pneumatic	USPAT;	2002/09/30 16:13
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	27	(428/371.ccls. and (nylon or polyamide)) and tow	USPAT;	2002/09/30 16:03
			US-PGPUB;	
			EPO; JPO;	
	ا	//400/074	DERWENT	
-	2	((428/371.ccls. and (nylon or polyamide)) and pneumatic)	USPAT;	2002/09/30 16:05
		and ((428/371.ccls. and (nylon or polyamide)) and tow)	US-PGPUB;	
	İ		EPO; JPO;	
1	-		DERWENT	
-		packing same tow same nozzle	USPAT;	2002/09/30 16:06
			US-PGPUB;	
İ			EPO; JPO;	
L			DERWENT	